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Docket No: Micronas.7745

THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Doll et al. GROUP: Not yet assigned  
SERIAL NO: 10/507,054 EXAMINER: Not yet assigned  
FILED: September 9, 2004  
FOR: MICRO-STRUCTURED GAS SENSOR WITH CONTROL OF GAS  
SENSITIVE PROPERTIES BY APPLICATION OF AN ELECTRIC FIELD

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

In compliance with 37 C.F.R. §§1.56, 1.97, and 1.98, Applicant submits copies of the documents listed on the attached Form PTO-1449.

The Commissioner is authorized to charge Deposit Order Account No. 19-0079 for any further fee that is required.

Respectfully submitted,

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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited on the date shown below in an envelope with sufficient postage for first class mail addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Tanya Bellanti

11-10-04  
Date

FORM PTO-1449 GAUTHIER & CONNORS LLP  
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

ATTORNEY DOCKET NO.  
Micronas.7745

APPLICANT: Doll et al.

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GROUP: N/A

EXAMINER: N/A

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A						
	B						
	C						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	D						
	E						
	F						
	G						
	H						

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
	I	Bögner et al., "Electrical field impact on the gas adsorptivity of thin metal oxide films", Applied Physics Letters, Vol. 73 No. 17, October 1998.
	J	Doll et al., "Electrically Controlled Metal Oxide Gas Sensor Designed with PROSA-CHEM", IEEE 2002.
	K	Eisele et al., "Low power gas detection with FET sensors", Sensors And Actuators B 18, 19-25, 2001.
	L	Hellmich et al., "Field-effect-induced gas sensitivity changes in metal oxides", Sensors And Actuators B 43, 132-139, 1997.
	M	Scharnagl et al., "Enhanced room temperature gas sensing with metal oxides by means of the electroadsorptive effect in hybrid suspended gate FET", Sensors And Actuators B 57, 35-38, 1999.
	N	Storm et al., "A resistive gas sensor with elimination and utilization of parasitic electric fields", Sensors And Actuators B77, 529-533, 2001.

EXAMINER

DATE CONSIDERED

**EXAMINER:**

**Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.**